

L Number	Hits	Search Text	DB	Time stamp
3	1		USPAT	2003/09/25 13:11
4	1		USPAT	2003/09/25 13:11
5	0		USPAT	2003/09/25 13:12
6	1		USPAT	2003/09/25 13:12
7	1		USPAT	2003/09/25 13:16
8	3	(chiralsmectic or "chiral smectic") and ("grey scale" or gradation or grayscale) and TFT and 345/94.ccls.	USPAT; US-PGPUB; JPO	2003/09/25 13:47
9	8	(chiralsmectic or "chiral smectic") and ("grey scale" or gradation or grayscale) and TFT and (345/89.ccls. or 345/690.ccls.)	USPAT; US-PGPUB; JPO	2003/09/25 13:57
10	98	(345/87-100.ccls or 345/690 or 349/133-184.ccls or 345/76 or 349/100.ccls.) and ("grey scale" or gradation or grayscale) and TFT	USPAT; US-PGPUB; JPO	2003/09/25 14:02
11	27	(345/87-100.ccls or 345/690 or 349/133-184.ccls or 345/76 or 349/100.ccls.) and ("grey scale" or gradation or greyscale).ab. and TFT	USPAT; US-PGPUB; JPO	2003/09/25 14:16
12	3	"amplitude modulation" and ("grey scale" or gradation or greyscale).ab. and TFT	USPAT; US-PGPUB; JPO	2003/09/25 14:19
13	65	"amplitude modulation" and ("grey scale" or gradation or greyscale).ab.	USPAT; US-PGPUB; JPO	2003/09/25 14:21
14	41	"amplitude modulation" and ("chiral smectic")	USPAT; US-PGPUB; JPO	2003/09/25 15:14
15	1	6545656.pn.	USPAT; US-PGPUB; JPO	2003/09/25 15:20
16	1		USPAT	2003/09/25 15:17
17	1		USPAT	2003/09/25 15:17
18	1		USPAT	2003/09/25 15:17
19	37	(345/89.ccls. or 345/690.ccls.) and (antiferroelectric or "anti ferroelectric")	USPAT; US-PGPUB; JPO	2003/09/25 15:47
20	65	349/174.ccls.	USPAT; US-PGPUB; JPO	2003/09/25 15:59
21	3	349/174.ccls. and (345/89 or 345/690).ccls.	USPAT; US-PGPUB; JPO	2003/09/25 16:00
22	13	349/171-174.ccls. and (345/89 or 345/690).ccls.	USPAT; US-PGPUB; JPO	2003/09/25 16:57
23	13	4976515.uref.	USPAT; US-PGPUB; JPO	2003/09/25 17:51
24	0	0197242.pn.	EPO	2003/09/25 17:59
25	0	4840462.pn.	EPO	2003/09/25 17:52
26	1	4840462.pn.	USPAT; US-PGPUB	2003/09/25 17:52
27	0	ep0197242.pn.	EPO	2003/09/25 18:00
28	0	ep197242.pn.	EPO	2003/09/25 18:00
29	2	197242.pn.	EPO	2003/09/25 18:01
30	0	0197242.pn.	EPO	2003/09/25 18:01
31	0	197242.an.	EPO	2003/09/25 18:03
32	0	197242.ap.	EPO	2003/09/25 18:03
33	2	197242.pn.	EPO	2003/09/25 18:03
34	0	1972420.pn.	EPO	2003/09/25 18:03
35	2	"197242"	EPO	2003/09/25 18:03
-	42	("chiral smectic" same "liquid crystal") same ("grey scale" or gradation)	USPAT	2003/09/25 10:04
-	0	"thresholdless liquid crystal" and hysteresis	USPAT	2002/07/22 13:54
-	0	"thresholdless liquid crystal"	USPAT	2002/07/22 13:54
-	9	("thresholdless" with "liquid crystal") and hysteresis	USPAT	2002/07/22 13:57
-	8	("thresholdless" with "liquid crystal") and hysteresis and (gray or gradation)	USPAT	2002/07/22 13:57

-	8	("thresholdless" with "liquid crystal") and hysteresis and (gray or gradation) and "chiral smectic"	USPAT	2002/07/22 14:34
-	9	("thresholdless" same "liquid crystal") and hysteresis and (gray or gradation) and "chiral smectic"	USPAT	2002/07/22 14:35
-	10	("thresholdless" and "liquid crystal") and hysteresis and (gray or gradation) and "chiral smectic"	USPAT	2002/07/22 14:36
-	10	"thresholdless" and "liquid crystal" and hysteresis and (gray or gradation) and "chiral smectic"	USPAT	2002/07/22 14:36
-	16	"thresholdless" and "liquid crystal" and (gray or gradation) and "chiral smectic"	USPAT	2002/07/22 14:36
-	33	("thresholdless" with "liquid crystal")	USPAT	2002/07/22 14:40
-	30	("thresholdless" with "liquid crystal") and (gray or gradation)	USPAT	2002/07/22 15:11
-	10	("thresholdless" with "liquid crystal") and (gray or gradation) and reset	USPAT	2002/07/22 15:09
-	1	6069600.uref.	USPAT	2002/07/22 15:09
-	3	("thresholdless" with "liquid crystal") and "ac driving"	USPAT	2002/07/22 15:13
-	8	reset and hysteresis and "ac driving"	USPAT	2002/07/22 15:37
-	0	5400048.uref. and thresholdless	USPAT	2002/07/23 10:03
-	2	5400048.uref.	USPAT	2002/07/22 15:51
-	3	"ac driving" and thresholdless	USPAT	2002/07/22 15:51
-	45	"ac driving" and "liquid crystal" and reset	USPAT	2002/07/23 09:46
-	1	5400048.pn. and (ac or reset or "0")	USPAT	2002/07/23 10:04
-	1	5400048.pn. and (ac or reset or "0")	USPAT	2002/07/23 10:05
-	1	5400048.pn. and (ac or reset or "0")	USPAT	2002/07/23 10:21
-	0	"chiral smectic" and "liquid crystal" and ("ac driving" or "ac driven")	USPAT	2002/07/23 10:22
-	5	"chiral smectic" and "liquid crystal" and ("ac driving" or "ac driven") and reset	USPAT	2002/07/23 10:22
-	38	(349/76 or 349/171 or 349/172 or 349/179 or 359/100).ccls. and reset	USPAT	2002/07/26 10:48
-	20	(349/76 or 349/171 or 349/172 or 349/179 or 359/100).ccls. and reset and ac	USPAT	2002/07/26 11:00
-	11	(349/76 or 349/171 or 349/172 or 349/179 or 359/100).ccls. and reset and ac and absolute	USPAT	2002/07/26 11:25
-	0	(349/76 or 349/171 or 349/172 or 349/179 or 359/100).ccls. and reset and OV and absolute	USPAT	2002/07/26 11:25
-	1	(349/76 or 349/171 or 349/172 or 349/179 or 359/100).ccls. and reset and OV	USPAT	2002/07/26 11:26
-	0	(349/76 or 349/171 or 349/172 or 349/179 or 359/100).ccls. and (reset same OV)	USPAT	2002/07/26 11:26
-	0	"chiral smectic" and (reset same OV)	USPAT	2002/07/26 11:28
-	0	"chiral smectic" and (reset same "O V")	USPAT	2002/07/26 11:28
-	0	"ferroelectric" and (reset same "O V")	USPAT	2002/07/26 11:29
-	0	"ferroelectric" and (reset same "OV")	USPAT	2002/07/26 11:29
-	10	"ferroelectric" and (reset same "O")	USPAT	2002/07/26 11:40
-	3	"11030346".pn. or "11082440".pn. or "11139390".pn.	JPO	2002/07/26 12:16
-	0	"11030346".ap. or "11082440".ap. or "11139390".ap.	JPO	2002/07/26 11:45
-	0	6417828.fref.	USPAT; JPO	2002/07/26 11:46
-	0	6417828.ap.	USPAT; JPO	2002/07/26 11:45
-	0	"11030346".ap. or "11082440".ap. or "11139390".ap.	USPAT; JPO	2002/07/26 11:45
-	3	"11030346".pn. or "11082440".pn. or "11139390".pn.	USPAT; JPO	2002/07/26 11:45
-	1	6417828.pn.	USPAT; JPO	2002/07/26 11:46
-	0	11-139390.ap.	USPAT; JPO	2002/07/26 11:47
-	0	11139390.ap.	USPAT; JPO	2002/07/26 11:47
-	1	11139390.pn.	USPAT; JPO	2002/07/26 11:50
-	1	"5657141".PN.	USPAT	2002/07/26 11:47
-	0	"B1534738".PN.	USPAT	2002/07/26 11:48
-	1	"5641427".PN.	USPAT	2002/07/26 11:48
-	1	"5482650".PN.	USPAT	2002/07/26 11:48
-	1	"5458804".PN.	USPAT	2002/07/26 11:48
-	1	"5328639".PN.	USPAT	2002/07/26 11:49
-	906	"canon kabushiki".asn. and sato.in.	USPAT; JPO	2002/07/26 11:50

-	36	"canon kabushiki".asn. and sato.in. and "chiral smectic"	USPAT; JPO	2002/07/26 11:54
-	117	black and white and gray and "chiral smectic"	USPAT; JPO	2002/07/26 12:02
-	22	black and white and gray and "chiral smectic" and reset	USPAT; JPO	2002/07/26 12:16
-	6	"11030346".pn. or "11082440".pn. or "11139390".pn.	JPO; DERWENT	2002/07/26 12:17
-	1	"11030346".ap,prai.	JPO; DERWENT	2002/07/26 12:18
-	0	"1999JP11030346".ap,prai.	JPO; DERWENT	2002/07/26 12:18
-	0	"1999JP1130346".ap,prai.	JPO; DERWENT	2002/07/26 12:19
-	0	"1130346".ap,prai.	JPO; DERWENT	2002/07/26 12:19
-	1	"11030346".ap,prai.	JPO; DERWENT	2002/07/26 12:21
-	603	"chiral smectic liquid crystal".ab.	JPO; DERWENT	2002/07/26 12:23
-	348	"chiral smectic liquid crystal".ab.	JPO	2002/07/26 12:24
-	202	"chiral smectic liquid crystal".ab. and canon	JPO	2002/07/26 12:24
-	0	"chiral smectic liquid crystal".ab. and canon and kabushiki	JPO	2002/07/26 12:24
-	39	"chiral smectic liquid crystal".ab. and canon and sato	JPO	2002/07/26 12:24
-	5	"Canon Kabushiki Kaisha".asn. and ("reset pulse" same gray)	USPAT	2002/07/28 20:03
-	1	"chiral smectic" and ("reset pulse" same gray)	USPAT	2002/07/28 20:06
-	12	"chiral smectic" and ("reset pulse" and gray) and white and black	USPAT	2002/07/28 20:06
-	37	("chiral smectic" same "liquid crystal") same ("grey scale" or gradation) and TFT	USPAT; US-PGPUB; JPO	2003/09/25 10:52
-	37	((chiralsmectic or "chiral smectic") same "liquid crystal") same ("grey scale" or gradation or grayscale) and TFT	USPAT; US-PGPUB; JPO	2003/09/25 11:45
-	158	(chiralsmectic or "chiral smectic") and ("grey scale" or gradation or grayscale) and TFT	USPAT; US-PGPUB; JPO	2003/09/25 13:34